

What is claimed is:

1. A spark plug, comprising:

a cylindrical metal member with a screw for screwing  
in said metal member into an engine;

5 a center electrode fixed inside said metal member  
through an insulator;

an earth electrode welded to said metal member for  
forming a spark gap together with said center electrode;  
and

10 a gasket provided around an outer surface of said  
metal member for sealing between said metal member and  
engine,

wherein said gasket:

is bent at two positions; and

15 is of Vickers hardness of greater than or equal to 200  
and smaller than or equal to 400.

2. The spark plug according to claim 1, wherein said  
gasket is of an Fe alloy with Cr content of greater than or  
equal to 15 wt.% and smaller than or equal to 40 wt.%.

20 3. A spark plug, comprising:

a cylindrical metal member with a screw for screwing  
in said metal member into an engine;

a center electrode fixed inside said metal member  
through an insulator;

25 an earth electrode welded to said metal member for  
forming a spark gap together with said center electrode;  
and

a gasket provided around an outer surface of said

metal member for sealing between said metal member and engine,

wherein said gasket:

is bent at three positions; and

5 is of an Fe alloy with Cr content of greater than or equal to 15 wt.% and smaller than or equal to 20 wt.%.

4. The spark plug according to claim 1, wherein a plate thickness of said gasket is greater than or equal to 0.2 mm and smaller than or equal to 0.4 mm.

10 5. The spark plug according to claim 3, wherein a plate thickness of said gasket is greater than or equal to 0.2 mm and smaller than or equal to 0.4 mm.

6. The spark plug according to claim 1, wherein said engine generates a vibration greater than 10 G.

15 7. The spark plug according to claim 3, wherein said engine generates a vibration greater than 10 G.

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